Author Index

Abdullah, N.A., see Assem, E.S.K., 119

Altavilla, D., Berlinghieri, M.C., Seminara, S., Iannello, D., Focà, A. and Mastroeni, P., Different effects of bacterial lipopolysaccharide on superoxide anion production by macrophages from normal and tumor-bearing rats, 99

Anderer, F.A., see Mueller, E.A., 11

Applegren, R.R., see Ye, S., 81

Assem, E.S.K., Ghanem, N.S., Abdullah, N.A., Repke, H., Foreman, J.C. and Hayes, N.A., Substance P and Arg-Pro-Lys-Pro-NH-C_{12}-H_{25}-induced mediator release from different mast cell subtypes of rat and guinea-pig, 119

Baj, Z., see Malec, P., 45

Berlinghieri, M.C., see Altavilla, D., 99

Bernard, D.J., Maurizis, J.-C., Moyret, C., Chassagne, J., Chollet, P. and Plagne, R., Ovarian hormones, antiestrogen and pregnancy effects on the expression of Class I histocompatibility antigens by *N*-nitroso-*N*-methylurea-induced rat mammary carcinomas, 147

Bhatia, P., see Silverstein, R., 37

Born, J., see Späth-Schwalbe, E., 141

Bouthillier, J., see DeBlois, D., 187

Chakir, J., Rouabhia, M. and Deschaux, P., In vitro effect of methionine-enkephalin and thymosin on murine expression of Thy1–2 antigen, 31

Chassagne, J., see Bernard, D.J., 147

Chollet, P., see Bernard, D.J., 147

Davis, J.M., see Ye, S., 81

DeBlois, D., Bouthillier, J. and Marceau, F., Pharmacological modulation of the up-regulated responses to des-Arg^9-bradykinin in vivo and in vitro, 187

Deschaux, P., see Chakir, J., 31

Digel, W., see Späth-Schwalbe, E., 141

Edwards III, C.K., Jacobs, M.J., Myers-Keith, P. and Yunger, L.M., Murine macrophage activation with resorcyclic acid lactones (RALs): comparison with diethylstilbestrol and 17β-estradiol, 109

Fehm, H.L., see Späth-Schwalbe, E., 141

Focà, A., see Altavilla, D., 99

Foreman, J.C., see Assem, E.S.K., 119

Friberg, D., see Wang Yi Li, 175

Ghanem, N.S., see Assem, E.S.K., 119

Gilmore, W. and Weiner, L.P., The opioid specificity of beta-endorphin enhancement of murine lymphocyte proliferation, 19

Goldstein, A.L., see Hsia, J., 167

Hamprecht, K., see Mueller, E.A., 11

Haviland, D.L., see Rodgers, K.E., 131

Hayes, N.A., see Assem, E.S.K., 119

Herberman, R.B., see Wang Yi Li, 175

Hsia, J., Sarin, N., Oliver, J.H. Goldstein, A.L., Aspirin and thymosin increase interleukin-2 and interferon-γ production by human peripheral blood lymphocytes, 167

Iannello, D., see Altavilla, D., 99

Jacobs, M.J., see Edwards III, C.K., 109

Kloss, B., see Späth-Schwalbe, E., 141

Lami, J.L., see Moore, T.C., 73

Liew, F.Y., see Liu, D.S., 1

Linhardt, R.J., see Weiler, J.M., 65

Liu, D.S., Liew, F.Y. and Rhodes, J., Immunoregulatory properties of novel specific inhibitors of 5-lipoxygenase, 1

Malec, P., Zeman, K., Markiewicz, K., Tchórzewski, H., Nowak, Z. and Baj, Z., Short-term somatostatin infusion affects T lymphocyte responsiveness in humans, 45

Marceau, F., see DeBlois, D., 187

Markiewicz, K., see Malec, P., 45

Mastroeni, P., see Altavilla, D., 99

Maurizis, J.-C., see Bernard, D.J., 147

Moore, T.C., Spruck, C.H., Lami, J.L. and Said, S.I., Prompt elevations of PGE_2 and thromboxane A_2 metabolites in peripheral node efferent lymph of sheep following drainage area immunization, 73

Moyret, C., see Bernard, D.J., 147

Mueller, E.A., Hamprecht, K. and Anderer, F.A., Biochemical characterization of a component in extracts of *Viscum album* enhancing human NK cytotoxicity, 11

Myers-Keith, P., see Edwards III, C.K., 109

Nowak, Z., see Malec, P., 45

Oliver, J.H., see Hsia, J., 167

Page, C.P., Platelets as inflammatory cells (Review), 51

Plagne, R., see Bernard, D.J., 147

Porzsolt, F., see Späth-Schwalbe, E., 141

Repke, H., see Assem, E.S.K., 119

Rhodes, J., see Liu, D.S., 1

Rodgers, K.E., Haviland, D.L. and Ware, C.F., Protection from

O,O,S-trimethyl phosphorothioate-induced immune suppression, 131
Rouabhia, M., see Chakir, J., 31
Said, S.I., see Moore, T.C., 73
Saria, N., see Hsia, J., 167
Seminara, S., see Altavilla, D., 99
Silverstein, R., Bhatia, P. and Svoboda, D.J., Effect of hydrazine sulfate on glucose-regulating enzymes in the normal and cancerous rat, 37
Späth-Schwalbe, E., Porzsolt, F., Digel, W., Born, J., Kloss, B. and Fehm, H.L., Elevated plasma cortisol levels during interferon-γ treatment, 141
Spruck, C.H., see Moore, T.C., 73
Svoboda, D.J., see Silverstein, R., 37
Tak Cheung, H., see Ye, S., 81
Tchórzewski, H., see Malec, P., 45
Thomson, A.W., see Woo, J., 91
Ungheri, D., see Verini, M.A., 157
Verini, M.A. and Ungheri, D., Activity of FCE 20696, a new synthetic immunomodulator, in models of viral and bacterial pathology, 157
Wang Yi Li, Whiteside, T.L., Friberg, D. and Herberman, R.B., In vitro effects of an acyltripeptide, FK565, on NK-cell activity, LAK-cell generation and cytokine production by human mononuclear cells, 175
Ware, C.F., see Rodgers, K.E., 131
Weiler, J.M. and Linhardt, R.J., Comparison of the activity of polyanions and polycations on the classical and alternative pathways of complement, 65
Weiner, L.P., see Gilmore, W., 19
Whiteside, T.L., see Wang Yi Li, 175
Woo, J. and Thomson, A.W., Alleviation of cyclosporin-induced immune suppression by the cytokine inducer ADA-202-718, 91
Ye, S., Applegren, R.R., Davis, J.M. and Tak Cheung, H., Modulation of lymphocyte motility by β-endorphin and met-enkephalin, 81
Yunger, L.M., see Edwards III, C.K., 109
Zeman, K., see Malec, P., 45

Subject Index

Acyltripeptide, 175
ADA-202-718, 91
Allergy, 51
Alternative pathway, 65
Antiestrogen, 147
Aspirin, 167
Autologous mixed lymphocyte reaction, 45
Beta-endorphin, 19
Cancer cachexia, 37
Cellular immune response, 131
Chromatofocusing, 147
Class II histocompatibility antigen, 147
Classical pathway, 65
Collagenase, 1
Cortisol, 141
Cyclosporin A, 91
Cytokine, 91, 175
Delayed hypersensitivity, 91
Des-Arg^9-bradykinin, biological activity, 187
Dideoxyzearalane, 107
Drainage area immunization, 73
Duodenal ulcer patient, 45
β-Endorphin, 81
Epidermal growth factor, acute vascular effect, 187
FCE 20696, 157
FK565, 175
Flow cytometry, 91
Giunea-pig, 119
Glucocorticoids, vascular effects, 187
Glucokinase, 37
Herpes simplex virus, 157
Human NK cytotoxicity, 11
Humoral immune response, 131
Hydrazine, 37
Hypophysectomy, 147
Immunomodulator, 157
Immunoregulation, 1
Immunotoxicity, 131
Inflammation, 51
Influenza virus, 157
Interferon-γ, 141, 167
Interleukin 2 receptor, 45
Interleukin-1, 1
Interleukin-2, 1, 167
LAK activity, 175
Lipopolysaccharide, 99
5-Lipoxygenase inhibitor, 1
Lymphocyte motility, 81
Lymphocyte traffic 'shutdown', 73
Lytic cell conjugates, 11
Macrophage, 99, 107
Mast cell, 119
Mediator release, 119
Met-enkephalin, 81
Methionine-enkephalin, 31
Mistletoe, 11
Mitogen kinetics, 45
Mixed lymphocyte reaction, 45
Mycobacterium tuberculosis, 157
Natural killer cell, 175
Neuroimmunomodulation, 19
NK cell activity, 45
NMU-induced mammary tumor, 147
Opioid peptide, 19
Opioid receptor, 19
Opioid specificity, 19
Organophosphate, 131
Ovarian hormone, 147
Ovariectomy, 147
PDGF, 51
Phagocytosis, 99
Phospho*enol*pyruvate carboxykinase, 37
Platelets as inflammatory cells, 51
Polyanion, 65
Polycation, 65
Polyion, 65
Polysaccharides, 11
Pregnancy, 147
Prompt elevation of PGE_2 and TXB_2, 73
Rabbit aortic strip, 187
Rat, 119
Resorcyclic acid lactone, 107
Sensitization to kinins, modulation, 187
Sheep, 73

Somatostatin, 45
Sprague-Dawley rat, 147
Substance P analogue, 119
Superoxide anion, 99, 107
T lymphocyte, 91
Thy1–2 antigen, 31
Thymosin fraction V, 31
Thymosin, 167
O,*O*,*O*-Trimethyl phosphorothionate, 131
O,*O*,*S*-Trimethyl phosphorothioate, 131
Tumor, 99
Viscum album, 11
Zearalane, 107